

Unit 9 Temperature Terms & Problems

Read 10.1 - 10.2 (pp. 289-292) and define each of the following:

1.) Energy:

2.) Potential Energy:

3.) Kinetic Energy:

4.) Temperature:

5.) Heat:

Temperature Scales (reference 5.7; pp. 135-142) complete this chart:

Scale	m.p. water	b.p. water	Degrees between mp and bp	Uniqueness	Formula
Fahrenheit				XXXXXXXX	C=
Celsius					F=
Kelvin					K=

Do the following temperature conversions (Round all numbers to .1):

a. 385. K = _____ °C

b. 94.0 °C = _____ K

c. 48.0 K = _____ °C

d. -101. °C = _____ K

e. 197. K = _____ °C

f. 388. °C = _____ K

g. 200. °C = _____ °F

h. 150. °C = _____ K

i. 100. K = _____ °F

j. 32.0 °F = _____ °C

k. 75.0 °F = _____ °C

l. 0.0 K = _____ °F